

## CLAIMS

Amend the claims as follows.

1-81. (Cancelled)

82. (New) An article of manufacture including a computer-readable memory having instructions stored thereon that, in response to execution by a computing device, cause the computing device to perform operations comprising:

- generating a database that stores user and state information for web applications;
- in response to receiving a browser request, extracting a user identifier from the browser request;

- identifying a particular user associated with the browser request according to the extracted user identifier;

- comparing a web application targeted by the received browser request to any created web application instances indicated by an entry in the generated database for the particular user;

- in response to receiving the browser request and the comparison indicating no match, creating a new instance of the targeted web application; and

- in response to receiving the browser request and the comparison indicating a match, bypassing creation of the new instance and instead processing the browser request using a corresponding one of the indicated web application instances for the particular user.

83. (New) The article of manufacture of claim 82, wherein the database comprises a plurality of entries, each of the entries comprising a user name field, a user password field, and a cookie number field.

84. (New) The article of manufacture of claim 83, wherein each of the entries further comprises a variables field to store user and session management system information corresponding to any web application instances of a respective user.

85. (New) The article of manufacture of claim 82, wherein no user-session cookies are included in the browser request.

86. (New) The article of manufacture of claim 82, wherein the operations further comprise:

- retrieving a particular one of a plurality of user objects according to the identifying the particular user;

- initiating the comparison with the retrieved user object;

- initiating creation of the new instance of the targeted web application with the retrieved user object in response to receiving the browser request and the comparison indicating no match; and

- passing the browser request from the retrieved user object to the corresponding created web application instance in response to receiving the browser request and the comparison indicating a match.

87. (New) An apparatus, comprising:

- means for generating a database that stores user and state information for web applications;

- means for identifying a particular user associated with a received browser request;

- means for comparing a web application targeted by the received browser request to any created web application instances indicated by an entry in the generated database for the particular user;

- means for creating a new instance of the targeted web application in response to receiving the browser request and the comparison indicating no match; and

- means for bypassing creation of the new instance and instead processing the browser request using a corresponding one of the indicated web application instances for the particular user in response to receiving the browser request and the comparison indicating a match.

88. (New) The apparatus of claim 87, wherein the database comprises a plurality of entries, each of the entries comprising a user name field, a user password field, and a cookie number field.

89. (New) The apparatus of claim 88, wherein each of the entries further comprises a variables field to store user and session management system information corresponding to any created web application instances of a respective user.

90. (New) The apparatus of claim 87, wherein no user-session cookies are included in the browser request.

91. (New) An apparatus, comprising:  
a processing device configured to:  
generate a database that stores user and state information for web applications;  
extract a user identifier from a browser request in response to receiving the browser request;  
identify a particular user associated with the browser request according to the extracted user identifier;  
compare a web application targeted by the received browser request to any created web application instances indicated by an entry in the generated database for the particular user;  
create a new instance of the targeted web application in response to receiving the browser request and the comparison indicating no match; and  
bypass creation of the new instance and instead process the browser request using a corresponding one of the indicated web application instances for the particular user in response to the browser request and the comparison indicating a match.

92. (New) The apparatus of claim 91, wherein the database comprises a plurality of entries, each of the entries comprising a user name field, a user password field, and a cookie number field.

93. (New) The apparatus of claim 92, wherein each of the entries further comprises a variables field to store user and session management system information corresponding to any web application instances of a respective user.

94. (New) The apparatus of claim 91, wherein no user-session cookies are included in the browser request.

95. (New) The apparatus of claim 91, wherein the operations further comprise:  
retrieving a particular one of a plurality of user objects according to the identifying the particular user;

initiating the comparison with the retrieved user object;

initiating creation of the new instance of the targeted web application with the retrieved user object in response to receiving the browser request and the comparison indicating no match;  
and

passing the browser request from the retrieved user object to the corresponding created web application instance in response to receiving the browser request and the comparison indicating a match.

96. (New) A method, comprising:  
generating a database that stores user and state information for web applications;  
in response to receiving a browser request, extracting a user identifier from the browser request;

identifying a particular user associated with the browser request by analyzing the extracted user identifier;

comparing a web application targeted by the received browser request to any created web application instances indicated by an entry in the generated database for the particular user;

in response to receiving the browser request and the comparison indicating no match,  
creating a new instance of the targeted web application; and

in response to receiving the browser request and the comparison indicating a match,  
bypassing creation of the new instance and instead processing the browser request using a corresponding one of the indicated web application instances for the particular user.

97. (New) The method of claim 96, wherein the user identifier comprises a random number.

98. (New) The method of claim 96, wherein the user identifier comprises a single identifier that uniquely identifies both a session and a user without additional user and session application variables.

99. (New) The method of claim 96, wherein the operations further comprise:  
authenticating an identification of the user; and  
assigning the user identifier to the user responsive to the authentication.

100. (New) The method of claim 99, wherein the authenticating comprises:  
transmitting a request for a user name and a password to the user;  
receiving the user name and password from the user; and  
comparing the user name and password to stored parameters.

101. (New) The method of claim 96, wherein the database comprises a plurality of entries, each of the entries comprising a user name field, a user password field, and a cookie number field.